

December 2021, Kottlingbrunn/Austria

WITTMANN BATTENFELD at the Interplastica in Moscow

WITTMANN BATTENFELD with complete WITTMANN 4.0 production cell at the Interplastica trade show

From January 25 to 28, 2022, WITTMANN BATTENFELD will present its Industry 4.0 solution in the form of a production cell networked via WITTMANN 4.0 to interested trade visitors at Interplastica in Moscow in Hall 02, Booth 2.1/A23.

WITTMANN BATTENFELD will demonstrate its digitization expertise in Moscow with the production of a medical part. The machine to be used is an all-electric *EcoPower* 55/350, equipped with the software packages HiQ Flow® for compensating viscosity fluctuations, HiQ Melt for material quality monitoring and HiQ Metering for active closing of the check valve.

Equipment integrated in the machine's UNILOG B8 control system via WITTMANN 4.0 will include a WITTMANN W918 robot, a gravimetric dosing unit GRAVIMAX G14, an ATON plus H70 segmented wheel dryer and three temperature controllers from the TEMPRO plus D series, as well as the TEMI+ MES system. The electronic mold data sheet will also be used by UNILOG B8. It enables the production cell, integrated via a WITTMANN 4.0 router, to check whether the connected auxiliaries are sufficient for the selected product data set, or whether additional equipment is needed.

The automation system is implemented via an Easy Cell developed and manufactured by WITTMANN BATTENFELD Deutschland in Nuremberg. The Easy Cell requires no safety gate and thus takes up only a minimal amount of space beside the injection molding machine. In spite of its compact design, customers receive the complete range of CE-compliant safety features.

Furthermore, WITTMANN auxiliaries will also be on display as stand-alone solutions at Interplastica in Moscow.



Fig.: EcoPower 55 with WITTMANN 4.0 integration (Photo: WITTMANN BATTENFELD GmbH)

The WITTMANN Group

The WITTMANN Group is a globally leading manufacturer of injection molding machines, robots and auxiliary equipment for processing a great variety of plasticizable materials – both plastic and non-plastic. The group of companies has its headquarters in Vienna, Austria and consists of two main divisions: WITTMANN BATTENFELD and WITTMANN. Following the principles of environmental protection, conservation of resources and circular economy, the WITTMANN Group engages in state-of-the-art process technology for maximum energy efficiency in injection molding, and in processing standard materials and materials with a high content of recyclates and renewable raw materials. The products of the WITTMANN Group are designed for horizontal and vertical integration into a Smart Factory and can be interlinked to form an intelligent production cell.

The companies of the group jointly operate eight production plants in five countries, and the additional sales companies at their 34 different locations are present in all major industrial markets around the world.

WITTMANN BATTENFELD pursues the continued strengthening of its market position as a manufacturer of injection molding machines and supplier of comprehensive modern machine technology in modular design. The product range of WITTMANN includes robots and automation systems, material handling systems, dryers, gravimetric and volumetric blenders, granulators, temperature controllers and

chillers. The combination of the individual areas under the umbrella of the WITTMANN Group enables perfect integration – to the advantage of injection molding processors with an increasing demand for seamless interlocking of processing machines, automation and auxiliaries.

Contact:**WITTMANN BATTENFELD GmbH**

Wiener Neustädter Strasse 81

2542 Kottlingbrunn, Austria

Tel.: +43 2252 404-1400

gabriele.hopf@wittmann-group.com

www.wittmann-group.com